

FORM PTO-1449 (Modified)									ATTY. DOCKET NO. 37154-752	SERIAL NO. 09/630,627
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT									APPLICANT Schwartz et al.	
									FILING DATE August 1, 2000	GROUP 1645

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PK	AA	4	8	3	3	2	5	1	05/23/89	Musso et al	548	303	11/16/87
	AB	4	8	7	4	8	1	3	10/17/89	O'Shannessy	525	54.1	02/09/87
	AC	4	9	2	7	8	7	9	05/22/90	Pidgeon	525	54.1	10/24/88
	AD	4	9	3	1	4	9	8	06/05/90	Pidgeon	525	54.1	02/25/88
	AE	5	1	5	1	5	0	7	09/29/92	Hobbs, Jr. et al.	536	23	06/12/91
	AF	5	1	3	0	4	4	6	07/14/92	Musso et al.	549	223	03/14/89
	AG	5	2	1	0	2	0	3	05/11/93	Musso et al.	548	130	05/07/92
	AH	5	2	3	7	0	1	6	08/17/93	Ghosh et al.	525	329.4	01/05/89
	AI	5	2	4	2	7	9	6	09/07/93	Prober et al.	435	6	10/22/91
	AJ	5	4	7	4	8	9	5	12/12/95	Ishii et al.	435	6	11/14/91
	AK	5	4	7	8	8	9	3	12/26/95	Ghosh et al.	525	329.4	08/5/93
	AL	5	5	2	1	2	9	0	05/28/96	Sivam et al.	530	391.5	11/21/94
	AM	5	6	6	3	2	4	2	09/02/97	Ghosh et al.	525	329.4	03/31/95
	AN	5	6	7	9	7	7	8	10/21/97	Abrams et al.	530	391.5	11/03/93
	AO	5	7	2	6	3	2	9	03/10/98	Jones et al.	552	105	05/08/95
	AP	5	7	8	9	5	7	6	08/04/98	Daily et al.	536	25.6	12/09/94
	AQ	5	7	9	2	6	1	5	08/11/98	Arnold et al.	435	6	03/06/97
	AR	5	8	3	7	8	5	6	11/17/98	Arnold, Jr. et al.	536	24.5	03/06/98
	AS	5	8	3	7	8	6	0	11/17/98	Anderson et al.	536	25.3	03/05/97
	AT	5	8	5	4	4	1	0	12/29/98	Arnold, Jr. et al.	536	23.1	03/31/94
	AU	5	8	5	6	5	7	1	01/05/99	Berninger et al.	564	37	06/07/95
	AV	5	8	7	4	5	5	2	02/23/99	Jones et al.	536	22.1	05/08/95
	AW	5	8	7	7	2	2	0	03/02/99	Schwartz et al.	514	626	03/06/97
	AX	5	8	8	0	2	7	0	03/09/99	Berninger et al.	530	391.1	12/23/97

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PL	AY	5	9	5	5	5	9	7	09/21/99	Arnold, Jr. et al.	536	24.3	06/30/97
	AZ	5	9	5	8	9	0	1	09/28/99	Dwyet et al.	514	75	06/05/96
	BA	6	0	0	1	8	2	6	12/14/99	Murrer et al.	514	183	07/20/92
	BB	6	0	2	0	5	2	6	02/01/00	Schwartz et al.	564	153	07/22/96
	BC	6	0	2	8	1	8	8	02/22/00	Arnold, Jr. et al.	536	25.3	11/21/94
	BD	6	0	3	4	1	3	5	03/07/00	Schwartz et al.	514	616	03/06/97
PL	BE	6	2	1	7	8	4	5	04/17/01	Schwartz et al.	424	1.69	11/06/97

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
PL	BF	9	8	3	5	9	7	8	08/20/98	PCT	—	—	
	BG	0	0	0	8	0	4	2	02/17/00	PCT (A1)	—	—	
	BH	0	0	4	0	5	9	0	07/13/00	PCT (A2, A3)	—	—	X
PL	BI	0	1	0	9	3	8	5	02/08/01	PCT (A2)	—	—	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	BJ	Abrams et al., Technetium-99m-Human Polyclonal IgG Radiolabeled via the Hydrazino Nicotinamide Derivative for Imaging Focal Sites of Infection in Rats, <i>The Journal of Nuclear Medicine</i> 31(12): 2022-8 (1990).
	BK	Agrawal, S. (Ed.), <i>Protocols for Oligonucleotides and Analogs, Methods in Molecular Biology</i> 20 (Human Press) <i>No Date</i>
PL	BL	Bischoff et al., Introduction of 5'-Terminal Functional Groups into Synthetic Oligonucleotides for Selective Immobilization, <i>Anal. Biochem.</i> 164: 336-44 (1987).

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Peter L.

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PL	BM	Browne, D.W. and G.M. Dyson, 47. The Inhibitory Effect of Substituents in Chemical Reactions. Part III. The Reactivity of the isoThiocyanato-group in Substituted Arylthiocarbimides, <i>J. Chem. Soc.</i> pgs. 178-9 (1924)
	BN	Chang et al., Early Results in the International Design of New Bifunctional Chelators, <i>6th Conference on Radioimmunodetection and Radioimmunotherapy of Cancer -Supplement to Cancer</i> <u>80</u> : 2347-53 (1997).
	BO	Frutos et al., Reversible Protection and Reactive Patterning of Amine- and Hydroxyl-Terminated Self-Assembled Monolayers on Gold Surfaces for the Fabrication of Biopolymer Arrays, <i>Langmuir</i> <u>16</u> : 2192-7 (2000).
	BP	Ghosh et al., Covalent attachment of oligonucleotides to solid supports, <i>Nucl. Acids. Res.</i> <u>15</u> (3):5353-72 (1987).
	BQ	Ghosh et al., Synthesis of 5'-Oligonucleotide Hydrazide Derivatives and Their Use in Preparation of Enzyme-Nucleic Acid Hybridization Probes, <i>Anal. Biochem.</i> <u>178</u> : 43-51 (1989).
	BR	Hakala et al., Detection of Oligonucleotide Hybridization on a Single Microparticle by Time-Resolved Fluorometry: Hybridization Assays on Polymer Particles obtained by Direct Solid Phase Assembly of the Oligonucleotide Probes, <i>Bioconjugate Chem.</i> <u>8</u> : 378-84 (1997).
	BS	Hakala et al., Detection of Oligonucleotide Hybridization on a Single Microparticle by Time-Resolved Fluorometry: Quantitation and Optimization of a Sandwich Type Assay, <i>Bioconjugate Chem.</i> <u>9</u> : 316-21 (1998).
	BT	Hogrefe, R.I., An Antisense Oligonucleotide Primer, <i>Antisense & Nucleic Acid Drug Development</i> <u>9</u> : 351-7 (1999).
	BU	Hogrefe et al., An Improved Method for the Synthesis and Deprotection of Methylphosphonate Oligonucleotides, <i>Chapter 7 in Methods in Molecular Biology Vol. 20: Protocols for Oligonucleotides and Analogs</i> Agrawal, S. (Ed.) Humana Press Inc., Totowa, NJ. pgs. 143-164 (1993).
	BV	Hnatowich et al., Comparative Properties of a Technetium-99m-Labeled Single Stranded Natural DNA and a Phosphorothioate Derivative <i>in Vitro</i> and in Mice, <i>The Journal of Pharmacology and Experimental Therapeutics</i> <u>276</u> : 326-34 (1996).
✓	BW	Hnatowich, D.J., Pharmacokinetics of 99m Tc-labeled oligonucleotides, <i>Q J Nucl. Med.</i> <u>40</u> : 202-8 (1996).
PL	BX	Hnatowich et al., Technetium-99m Labeling of DNA Oligonucleotides, <i>The Journal of Nuclear Medicine</i> <u>36</u> (12): 2306-14 (1995).

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PL	BY	Kaneko et al., New Hydraone Derivatives of Adriamycin and Their Immunoconjugates--a Correlation between Acid Stability and Cytotoxicity, <i>Bioconjugate Chem.</i> <u>2</u> (3): 133-41 (1991).
1	BZ	Kremsky et al., Immobilization of DNA via oligonucleotides containing an aldehyde or carboxylic acid group at the 5' terminus, <i>Nucl. Acids. Res.</i> <u>15</u> (7): 2891-909 (1987).
	CA	Pidgeon et al., Solid Phase Membrane Mimetics: Immobilized Artificial Membranes, <i>Enzyme Microb. Technol.</i> <u>12</u> : 149-50 (1990).
	CB	Reynolds et al., Antisense oligonucleotides containing an internal non-nucleotide-based linker promote site-specific cleavage of RNA, <i>Nucl. Acids. Res.</i> <u>24</u> (4): 760-5 (1996).
	CC	Reynolds et al., A Non-Nucleotide-Based Linking Method for the Preparation of Psoralen-Derivatized Methylphosphonate Oligonucleotides, <i>Bioconjugate Chem.</i> <u>3</u> : 366-74 (1992).
	CD	Reynolds et al., Synthesis and thermodynamics of oligonucleotides containing chirally pure Rp methylphosphonate linkages, <i>Nucl. Acids. Res.</i> <u>24</u> (22): 4584-91 (1996).
	CE	Rogers et al., Immobilization of Oligonucleotides onto a Glass Support via Disulfide Bonds: A Method for Preparation of DNA Microarrays, <i>Anal. Biochem.</i> <u>266</u> : 23-30 (1999).
	CF	Rusckowski et al., Effect of Endogenous Biotin on the Applications of Streptavidin and Biotin in Mice, <i>Nuclear Medicine & Biology</i> <u>24</u> :263-8 (1997).
	CG	Rusckowski et al., Imaging Osteomyelitis with Streptavidin and Indium-111-Labeled Biotin, <i>J. Nuclear Medicine</i> <u>37</u> : 1655-62 (1996).
	CH	Rusckowski et al., Pretargeting Using Peptide Nucleic Acid, <i>6th Conference on Radioimmunodetection and radioimmunotherapy of Cancer -Supplement to Cancer</i> <u>80</u> : 2699-705 (1997).
	CI	Salo et al., Aminoxy Functionalized Oligonucleotides: Preparation, On-Support Derivatization, and Postsynthetic Attachment to Polymer Support, <i>Bioconjugate Chem.</i> <u>10</u> : 815-23 (1999).
	CJ	Salo et al., Disulfide-Tethered Solid Supports for Synthesis of Photoluminescent Oligonucleotide Conjugates: Hydrolytic Stability and Labeling on the Support, <i>Bioconjugate Chem.</i> <u>9</u> : 365-71 (1998).
CK	CK	Schwartz et al., Preparation of Hydrazino-Modified Proteins and Their Use for the Synthesis of 99m Tc-Protein Conjugates, <i>Bioconjugate Chem.</i> <u>2</u> :333-6 (1991).
PL	CL	Timofeev et al., Regioselective immobilization of short oligonucleotides to acrylic copolymer gels, <i>Nucl. Acids. Res.</i> <u>24</u> (16): 3142-8 (1996).

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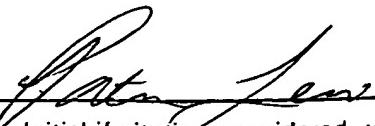
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	CM	Trevisiol et al., The Oxyamino-Aldehyde Coupling Reaction: An Efficient Method for the Derivatization of Oligonucleotides, <i>Tetrahedron Letters</i> 38(50): 8687-90 (1997).
PL	CN	Trevisiol et al., Synthesis of Nucleoside Triphosphate that Contain an Aminoxy Function for "Post-Ampification Labeling", <i>Eur. J. Org. Chem.</i> January 2000(N1): 211-7.
PL	CO	Watkins, T.I., 585. Trypanocides of the Phenanthridine Series. Part I. The Effect of Changing the Quaternary Grouping in Dimidium Bromide, <i>J. Chem. Soc.</i> pgs. 3059-64 (1952).

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
PL	AA	3	9	3	9	1	2	3	02/17/76	Matthews et al.	260	77.5	06/18/74
	AB	4	0	0	6	1	1	7	02/01/77	Merrifield	260	45.9	06/06/75
	AC	4	1	6	2	3	5	5	06/24/79	Tsibris	526	293	06/30/76
	AD	4	1	7	1	4	1	2	10/16/79	Coupek et al.	525	329	04/17/75
	AE	4	1	7	5	1	8	3	11/20/79	Ayers	536	57	05/24/78
	AF	4	1	7	7	0	3	8	12/04/79	Biebricher et al.	8	192	05/17/77
	AG	4	1	7	8	4	3	9	12/11/79	Ayers et al.	536	59	03/01/77
	AH	4	1	8	0	5	2	4	12/25/79	Réusser et al.	585	644	02/16/78
	AI	4	2	4	1	5	3	7	12/30/80	Wood	47	77	05/10/79
	AJ	4	3	3	7	0	6	3	06/29/82	Mihara et al.	23	230	03/03/80
	AK	4	4	0	4	2	8	9	09/13/83	Masuda et al.	436	538	09/02/81
	AL	4	4	0	5	7	1	1	09/20/83	Masuda et al.	435	4	09/02/81
	AM	4	4	3	9	5	8	5	03/27/84	Gould et al.	525	127	09/02/82
	AN	4	4	8	5	2	2	7	11/27/84	Fox	528	61	06/16/83
	AO	4	5	0	7	2	3	0	03/26/85	Tam et al.	260	112.5	05/12/82
	AP	4	5	6	9	9	8	1	02/11/86	Wenzel et al.	528	67	06/06/81
	AQ	4	6	8	3	2	0	2	07/28/87	Mullis	435	91	10/25/85
	AR	4	7	0	7	4	4	0	11/17/87	Stavrianopoulos	435	6	01/30/84
	AS	4	8	8	9	7	9	8	12/26/89	Rabbani	435	6	02/13/87
	AT	5	0	9	2	9	9	2	03/03/92	Crane et al.	210	198.2	05/17/91
	AU	5	2	0	6	3	7	0	04/27/93	Schwartz et al.	546	281	05/26/92
	AV	5	2	4	2	7	5	6	09/07/93	Hensel et al.	428	480	12/20/90
PL	AW	5	3	2	8	6	0	3	07/12/94	Velander et al.	210	198.2	08/19/92
PL	AX	5	3	3	4	6	4	0	08/02/94	Desai et al.	524	56	04/08/92

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PL	AY	5	3	8	9	4	4	9	02/14/95	Afeyan et al.	428	523	01/05/93
	AZ	5	4	0	3	7	5	0	04/01/95	Braatz et al.	436	531	04/08/91
	BA	5	4	2	0	2	8	5	05/30/95	Schwartz et al.	546	281	03/04/93
	BB	5	4	3	2	0	1	8	07/11/95	Dower et al.	435	5	06/20/91
	BC	5	4	8	6	6	1	6	01/23/96	Waggoner et al.	548	217	11/29/93
	BD	5	5	4	7	8	3	5	08/20/96	Koster	435	6	01/06/94
	BE	5	5	4	7	8	3	9	08/20/96	Dower et al.	435	6	12/06/90
	BF	5	5	5	6	7	5	2	09/17/96	Lockhart et al.	435	6	10/24/94
	BG	5	5	6	9	5	8	7	11/29/96	Waggoner et al.	435	6	04/19/95
	BH	5	5	6	9	7	6	6	10/29/96	Waggoner et al.	548	150	11/29/93
	BI	5	6	2	7	0	2	7	05/06/97	Waggoner	435	6	09/22/92
	BJ	5	7	4	1	4	6	2	04/21/98	Nova et al.	422	68.1	04/25/95
	BK	5	7	4	4	3	0	5	04/28/98	Fodor et al.	435	6	06/06/95
	BL	5	7	5	1	6	2	9	05/12/98	Nova et al.	365	151	06/07/95
	BM	5	7	5	3	5	2	0	05/19/98	Schwartz et al.	436	542	02/06/95
	BN	5	8	2	4	4	7	3	10/20/98	Meade et al.	435	6	06/07/95
	BO	5	8	7	4	2	1	4	02/23/99	Nova et al.	435	6	10/03/95
	BP	5	8	7	6	9	3	8	03/02/99	Stolowitz et al.	435	6	04/11/97
	BQ	5	9	2	5	5	6	2	07/20/99	Nova et al.	435	287.1	06/07/95
	BR	5	9	5	2	1	7	2	09/14/99	Meade et al.	435	6	06/12/97
	BS	5	9	6	1	9	2	3	10/05/99	Nova et al.	422	68.1	09/30/96
	BT	5	9	7	2	6	3	9	10/26/99	Parandoosh	435	29	07/24/97
PL	BU	6	0	1	7	4	9	6	01/25/00	Nova et al.	422	68.1	C9/06/96
PL	BV	6	0	2	5	1	2	9	02/15/00	Nova et al.	435	6	12/05/95

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K	BW	6	0	6	6	4	4	8	05/23/00	Wohlstacter et al.	435	6	03/06/96
	BX	6	0	7	1	6	9	9	06/06/00	Meade et al.	435	6	06/19/98
V	BY	6	0	7	4	8	2	3	06/13/00	Koster	435	6	11/06/96
PL	BZ	6	0	8	7	1	8	6	07/11/00	Cargill et al.	436	518	02/02/95

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K	CA	0	0	0	4	3	8	9	01/27/00	PCT			
	CB	0	0	0	4	3	8	2	01/27/00	PCT			
	CC	0	0	0	4	3	9	0	01/27/00	PCT			
	CD	0	3	6	1	7	6	8	09/19/89	EP A2			
	CE	0	3	8	4	7	6	9	02/23/90	EP B1, A2			
	CF	0	7	7	2	1	3	5	06/26/96	EP A1			
	CG	9	8	1	5	8	2	5	04/16/98	PCT			
V	CH	9	8	3	1	7	3	2	07/23/98	PCT			
PL	CI	9	9	6	5	9	9	3	12/23/99	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PL	CJ	"IUPAC-IUB Commission on Biochemical Nomenclature, Abbreviated Nomenclature of Synthetic Polypeptides (Polymerized Amino Acids), Revised Recommendations (1971)," <i>Biochem.</i> <u>11</u> (5): 942-4 (1972).
PL	CK	Adleman et al. "Molecular Computation of Solutions to Combinatorial Problems," <i>Science</i> <u>266</u> : 1021-4 (1994).
PL	CL	Agrawal, S. "Importance of nucleotide sequence and chemical modifications of antisense oligonucleotides," <i>Biochim. Biophys. Acta.</i> <u>1489</u> : 53-68 (1999).

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PL	CM	Berg et al. "Polystyrene-Grafted Polyethylene: Design of Film and felt Matrices for Solid-Phase Peptide Synthesis," <i>Innovation Perspect. Solid Phase Synth. Collect. Pap.</i> , Int. Symp., 1st, Epton R. (Ed.) pp.453-9 (1989).
	CN	Berg et al. "Long-Chain Polystyrene-Grafted Polyethylene Film Matrix: A New Support for Solid-Phase Peptide Synthesis," <i>J. Am. Chem. Soc.</i> <u>111</u> : 8024-6 (1989).
	CO	Berg et al. "Peptide Synthesis on Polystyrene-Grafted Polyethylene Sheets," <i>Pept. Proc. Eur. Pept. Symp.</i> , 20th, Jung, G. et al. (Eds.) pp. 196-8 (1989).
	CP	Bielinska et al. "Application of membrane-based dendrimer/DNA complexes for solid phase transfection in vitro and in vivo," <i>J. Biomaterials</i> <u>21</u> : 877-887 (2000).
	CQ	Blomqvist et al. "Rapid Detection of Human Rhinoviruses in Nasopharyngeal Aspirates by a Microwell Reserve Transcription-PCR-Hybridization Assay," <i>J. Clin. Microbiol.</i> <u>37</u> : 2813-6 (1999).
	CR	Brown, M.P. and Royer, C. "Fluorescence spectroscopy as a tool to investigate protein," <i>Curr. Opin. Biotechnol.</i> <u>8</u> : 45-9 (1997).
	CS	Carlsson, B. and Hagglad, J. "Quantitative Determination of DNA-Binding Parameters for the Human Estrogen Receptor in a Solid-Phase Nonseparation Assay," <i>Anal. Biochem.</i> <u>232</u> : 172-9 (1995).
	CT	Chen et al. "Stable-Isotope-Assisted MALDI-TOF Mass Spectrometry for Accurate Determination of Nucleotide Compositions of PCR Products," <i>J.</i> <u>71</u> : 3118-25 (1999).
	CU	Compagno et al. "Antisense Oligonucleotides Containing Modified Bases Inhibit <i>in Vitro</i> Translation of <i>Leishmania amazonensis</i> mRNAs by Invading the Mini-exon Hairpin," <i>J. Biol. Chem.</i> <u>274</u> : 8191-8 (1999).
	CV	Cristiano, R. J. and Roth, J.A. "Epidermal growth factor mediated DNA delivery into lung cancer cells via the epidermal growth factor receptor," <i>Cancer Gene Therapy</i> <u>3</u> : 4-10 (1996).
	CW	Crooke, S.T. "Molecular mechanisms of action of antisense drugs," <i>Biochim. Biophys. Acta</i> . <u>1489</u> : 31-44 (1999).
	CX	De Benedetti et al. "DNA chips: the future of biomarkers," <i>Int. J. Biol. Markers</i> <u>15</u> (1): 1-9 (2000).
PL	CY	Earnshaw et al. "Investigation of the Proposed Interdomain Ribose Zipper in Hairpin Ribozyme Cleavage Using 2'-Modified Nucleosides," <i>Biochemistry</i> <u>39</u> : 6410-21 (2000).
PL	CZ	Feinberg et al. "A Technique for Radiolabeling DNA Restriction Endonuclease Fragments to High Specific Activity," <i>Anal. Biochem.</i> <u>132</u> : 6-13 (1983).

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PL	DA	Filippov et al. "Solid-Phase Ligation of Synthetic DNA Fragments," <i>Bioorg Khim.</i> <u>16</u> : 1045-51 (1990).
1	DB	Flanagan et al. "A cytosine analog that confers enhanced potency to antisense oligonucleotides," <i>Proc. Natl. Acad. Sci. USA</i> <u>96</u> : 3513-8 (1999).
	DC	Frutos et al. "Demonstration of a word design strategy for DNA computing on surfaces," <i>Nucl. Acids Res.</i> <u>25</u> : 4748-57 (1997).
	DD	Frutos et al. "Enzymatic Ligation Reactions of DNA 'Words' on Surfaces for DNA Computing," <i>J. Am. Chem. Soc.</i> <u>120</u> (40): 10277-82 (1998).
	DE	Fujita, K. and Silver, J. "Surprising Lability of Biotin-Streptavidin Bond During Transcription of Biotinylated DNA Bound to Paramagnetic Streptavidin Beads," <i>Biotechniques</i> <u>14</u> (4): 608-17 (1993).
	DF	Gottschalk et al. "Efficient gene delivery and expression in mammalian cells using DNA coupled with perfringolysin O," <i>Gene Therapy</i> <u>2</u> : 498-503 (1995).
	DG	Greene, T.W. and Wuts, P.G.M. (Eds.) <i>Protective Groups in Organic Synthesis</i> 3rd ed. (J. Wiley & Sons, Inc.) (1999).
	DH	Gryaznov, S.M. "Oligonucleotide N3' -> P5' phosphoramidates as potential therapeutic agents," <i>Biochim. Biophys. Acta</i> <u>1489</u> : 131-40 (1999).
	DI	Hermanson et al. <i>Immobilized Affinity Ligand Techniques</i> (Academic Press, Inc., San Diego) 1992.
	DJ	Hoganson et al. "Targeted Delivery of DNA Encoding Cytotoxic Proteins through High-Affinity Fibroblast Growth Factor Receptors," <i>Human Gene Therapy</i> <u>9</u> : 2565-75 (1998).
	DK	Hostomsky et al. "Solid-phase assembly of DNA duplexes from synthetic oligonucleotides," <i>Nucl. Acid. Symp. Ser.</i> <u>18</u> : 241-244 (1987).
	DL	Hultman et al. "Solid-phase cloning to create sublibraries suitable for DNA sequencing," <i>J. Biotechnol.</i> <u>35</u> : 229-38 (1994).
U	DM	Kari, L. "DNA Computing: Arrival of Biological Mathematics," <i>Mathematical Intelligencer</i> <u>19</u> : 9-22 (1997).
PL	DN	Kent, S.B.H. and Merrifeld, R.B. Preparation and Properties of <i>tert</i> -Butyloxycarbonylaminoacyl-4-(oxymethyl)phenylacetamidomethyl-(Ket F-g-styrene) Resin, an Insoluble, Noncrosslinked Support for Solid Phase Peptide Synthesis," <i>Isr. J. Chem.</i> <u>17</u> : 243-7 (1978).

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PL	DO	Kozwich <i>et al.</i> "Development of a Novel, Rapid, Integrated <i>Cryptosporidium parvum</i> Detection Assay," <i>Appl. Environ. Microbiol.</i> <u>66</u> (6): 2711-7 (2000)
	DP	Kumar, Abhay <i>et al.</i> "Nonradioactive Labeling of Synthetic Oligonucleotide Probes with Terminal Deoxynucleotidyl Transferase," <i>Anal. Biochem.</i> <u>169</u> : 376-82 (1988).
	DQ	Lannutti <i>et al.</i> "Probing the Protein - DNA Contacts of a Yeast RNA Polymerase III Transcription Complex in a Crude Extract: Solid Phase Synthesis of DNA Photoaffinity Probes Containing a Novel Photoreactive Deoxycytidine Analog," <i>Biochemistry</i> <u>35</u> : 9821-31 (1996).
	DR	Lee <i>et al.</i> "Direct Measurement of the Forces Between Complementary Strands of DNA," <i>Science</i> <u>266</u> : 771-3 (1994).
	DS	Lees <i>et al.</i> "Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate for use in protein-polysaccharide conjugate vaccines and immunological reagents," <i>Vaccine</i> <u>14</u> : 190-8 (1996).
	DT	Liu <i>et al.</i> "DNA computing on surfaces," <i>Nature</i> <u>403</u> : 175-9 (2000).
	DU	Liu <i>et al.</i> "Progress toward demonstration of a surface based DNA computation: a one word approach to solve a model satisfiability problem," <i>BioSystems</i> <u>52</u> : 25-33 (1999).
	DV	Liu <i>et al.</i> "DNA Computing on Surfaces: Encoding Information at the Single Base Level," <i>J. Comp. Biol.</i> <u>5</u> : 269-278 (1998).
	DW	Lu <i>et al.</i> "Antisense DNA Delivery In Vivo: Liver Targeting by Receptor-Mediated Uptake," <i>J. Nucl. Med.</i> <u>35</u> : 269-75 (1994).
	DX	Maeji <i>et al.</i> "Grafted supports used with the multipin method of peptide synthesis," <i>Reactive Polymers</i> <u>22</u> : 203-12 (1994).
	DY	Marble <i>et al.</i> "RNA Transcription from Immobilized DNA Templates," <i>Biotechnol. Prog.</i> <u>11</u> : 393-6 (1995).
	DZ	Merrifield, R.B. "Solid-Phase Peptide Synthesis. III. An Improved Synthesis of Bradykinin," <i>Biochemistry</i> <u>3</u> : 1385-90 (1964).
PL	EA	Mitchell <i>et al.</i> "Preparation of Aminomethyl-Polystyrene Resin by Direct Amidomethylation," <i>Tetrahedron Lett.</i> <u>42</u> : 3795-8 (1976).
PL	EB	Mitchell, A.R., Kent S.B.H. <i>et al.</i> "A New Synthetic Route to <i>tert</i> -Butyloxycarbonylaminocetyl-4-(oxymethyl)phenylacetamidomethyl-resin, an Improved Support for Solid-Phase Synthesis," <i>J. Org. Chem.</i> <u>43</u> : 2845-52 (1978).

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PL	EC	Morishita, R. "Oligonucleotide-based therapy as a potential new pharmacotherapy," <i>Folia Pharmacol. Jpn. (Nippon Yakurigaku Zasshi)</i> <u>115</u> : 123-30 (2000).
	ED	Muddiman et al. "Length and Base Composition of PCR-Amplified Nucleic Acids Using Mass Measurements from Electrospray Ionization Mass Spectrometry," <i>Anal. Chem.</i> <u>69</u> (8): 1543-1549 (1997).
	EE	Mustajoki et al. "Steady-State Transcript Levels of the Porphobilinogen Deaminase Gene in Patients with Acute Intermittent Porphyria," <i>Genome Res.</i> <u>7</u> : 1054-60 (1997).
	EF	Niemeyer et al. "Oligonucleotide-directed self-assembly of proteins: semisynthetic DNA-streptavidin hybrid molecules as connectors for the generation of macroscopic arrays and the construction of supramolecular bioconjugates," <i>Nucl. Acids Res.</i> <u>22</u> (25): 5530-9 (1994).
	EG	Perales et al. "An evaluation of receptor-mediated gene transfer using synthetic DNA-ligand complexes," <i>Eur. J. Biochem.</i> <u>226</u> : 255-66 (1994).
	EH	Pinkel et al. "Cytogenetic analysis using quantitative, high-sensitivity, fluorescence hybridization," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> : 2934-8 (1986).
	EI	Powers et al. "Protein Purification by Affinity Binding to Unilamellar Vesicles," <i>Biotechnol. Bioeng.</i> <u>33</u> : 173-82 (1989).
	EJ	Reed, M.A. and Tror, J.M. "Computing with Molecules," <i>Scientific American</i> (June 2000) pp. 86-93
	EK	Rigby et al. "Labeling Deoxyribonucleic Acid to High Specific Activity <i>in Vitro</i> by Nick Translation with DNA Polymerase I," <i>J. Mol. Biol.</i> <u>113</u> : 237-51 (1977).
	EL	Roth, A. and Messer, W. "The DNA binding domain of the initiator protein," <i>EMBO J.</i> <u>14</u> : 2106-11 (1995).
	EM	Salles et al. "DNA damage excision repair in microplate wells with chemiluminescence detection: Development and perspectives," <i>Biochimie</i> <u>81</u> : 53-8 (1999).
✓	EN	Shafer, D.E., Lees, A. et al. "Activation of soluble polysaccharides with 1-cyano-4-dimethylaminopyridinium tetrafluoroborate (CDAP) for use in protein-polysaccharide conjugates vaccines and immunological reagents. II. Selective crosslinking of proteins to CDAP-activated polysaccharides," <i>Vaccine</i> <u>18</u> : 1273-81 (2000).
PL	EO	Shirota et al. "Regulation of Murine Airway Eosinophilia and Th2 Cells by Antigen-Conjugated CpG Oligodeoxynucleotides as a Novel Antigen-Specific Immunomodulator," <i>J. Immunol.</i> <u>164</u> : 5575-82 (2000).

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PL	EP	Smith et al. "A Surface-Based Approach to DNA Computation," <i>J. Comp. Biol.</i> <u>5</u> (2): 255-67 (1998).
PL	EQ	Verheijen et al. "Incorporation of a 4-Hydroxy-N-acetylprolinol Nucleotide Analogue Improves the 3'-Exonuclease Stability of 2'- 5'- Oligoadenylate-Antisense Conjugates," <i>Bioorg. Med. Chem. Lett.</i> <u>10</u> : 801-4 (2000).
PL	ER	Wang et al. "Surface-based DNA computing operations: DESTROY and READOUT," <i>BioSystems</i> <u>52</u> : 189-91 (1999).

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